



Harit Sanjivani Crop Schedule

Crop: Marigold Flower

Sowing Time: June to July, September to October, January to February

Time and method of applying Harit Sanjivani Products

Seed process: For 10 gm of marigold seed use **Defend** 5 gm + **Spray Max-85** 1ml.
Nursery Bed for 5m × 1m **Garden gold** 2 pouches of 500gm + **Soil Health Special** 50 gm.
In 10 to 15 days from nursery seed sowing spray **Rapid** 2 ml + **Defend** 2 gm + **Fruit special** 1 gm + **Spray Max-85** 1 ml (per liter of water).
While transplanting make a solution of **Defend** 3 gm + **Spray Max-85** 1 ml per liter and immersing the plants in it or after transplanting **Defend** 2 gm + **Spray Max-85** 1 ml per liter apply through Drenching.

| Harit Sanjivani Products | Time and method of apply |
|---|--|
| Harit Sanjivani Stage 1 - 250 gm + Soil Health Special 500 gm (Per acre) | While transplanting marigold flower or after transplanting it can be given up to 30 days by mixing it with any chemical fertilizer or organic manure or in 40 to 50 kg dry soil or through drip irrigation or drenching. |
| Harit Sanjivani Stage 2 + Spray Max-85 1ml per liter of water Rapid Defend | After transplanting spraying should be done in 15 to 20 days. (Vegetative growth stage) Rapid 2 ml per liter of water for sucking pest Defend 2 gm per liter of water to prevent fungal diseases |
| Harit Sanjivani Stage 3 + Spray Max-85 1ml per liter of water Rapid Defend | Spraying should be done in 15 days after spraying Harit Sanjivani Stage 2. (Flowering Stage) Rapid 2 ml per liter of water for sucking pest Defend 2 gm per liter of water to prevent fungal diseases |
| Harit Sanjivani Stage 4 + Spray Max-85 1ml per liter of water Rapid Defend | Spraying should be done in 15 days after Harit Sanjivani Stage 3. (Growth stage of flowers) Rapid 2 ml per liter of water for sucking pest Defend 2 gm per liter of water to prevent fungal diseases |

Spray Max-85 can give 500 ml per acre by drip irrigation or drenching.



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Time and Dose of Nutrients

(Volume per acre)

Organic fertilizers like Trichoderma, Pseudomonas, Phosphorus soluble bacteria, Azotobacter are mixed with cow dung or compost manure per 1 kg each. For root knot nematodes use neem powder 250 kg.

1) While transplanting marigold Nitrogen - 40 kg, Phosphorus - 40 Kg, Potash - 40 Kg Mix Micronutrients 20 Kg

| Marigold flower diseases and remedies | | Marigold flower diseases and remedies | |
|--|--|--|--|
| <p>Fungus:</p> <p>1) Flower bud rot</p>   <p>Treatment : Spraying (volume per liter) Defend 2 gm + Hexaconazole(+)Zineb 2 gm + Spray Max-85 1 ml</p> | | <p>2) Powdery Mildew</p>   <p>Treatment : Spraying (volume per liter) Defend 2 gm + Hexaconazole 1ml + Spray Max-85 1 ml</p> | |
| <p>3) Alternaria</p>   <p>Treatment : Spraying (volume per liter) Defend 2 gm + Metalaxyle(+)Mancozeb 2 gm + Spray Max-85 1 ml</p> | | <p>4) Wilt / Collar rot</p>   <p>Treatment : Spraying (volume per liter) Defend 2 gm + Metalaxyle35% 1 gm + Spray Max-85 1 ml Drenching: (volume per liter) Copper 3 gm + Spray Max-85 1 ml</p> | |
| <p>Sucking pests:</p> <p>Thrips Aphids/Jassids Red mites White fly Leaf hopper</p>      | | | |



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Treatment : (Volume per liter): **Rapid 2 ml** + Spray Max-85 1ml

Pest:

Caterpillar

Insecticide:

Chloropyrifos 50% (+) Cypermethrin 5% 2ml + **Spray Max-85** 1 ml

Emamectin benzoate 1 gm + Dichlorvos 1 ml + **Spray Max-85** 1 ml

Instructions :

- 1) **Harit Sanjivani Stage 2/3/4, Defend, Fruit Special** can be mixed with any pesticides, fungicides, insecticides, fertilizers except alkaline such as Copper, Sulphour, Bordeaux mixture.
- 2) Use **Spray Max-85** in the ratio of 1 ml per liter in every spray solution.
- 3) After spraying of **Harit Sanjivani Stage 4** spray **Harit Sanjivani Fruit Special** at a ratio of 2 gm per liter as needed to increase the size of the flowers at intervals of 15–15 days.

(Marigold crop schedule given by field trials, farmers experience and agricultural universities trials and the schedule can be change according to soil type and environment)